

WHAT IS CLAIMED IS:

1. An optical information recording medium for recording information comprising:

a substrate; and

a phase-change type optical recording layer provided as one of a plurality of layers formed on the substrate,

the phase-change type optical recording layer further containing at least Ti, In, Ge, Sb and Te, when defining each content amount of the Ti, In, Ge, Sb and Te as v, w, x, y and z in atomic percent respectively, each content amount of v, w, x, y and z in atomic percent satisfying following relations:

$$0.3 \leq v \leq 4,$$

$$0.3 \leq w \leq 3;$$

$$3.4 \leq x \leq 14.5,$$

$$2.1 \leq y/z \leq 4 \text{ and}$$

$$v + w + x + y + z \leq 100.$$

2. The optical information recording medium in accordance with claim 1, wherein the content amounts of v, w, x, y and z satisfy a relation of $v + w + x + y + z \geq 98.8$ in atomic percent.